

In Progress

Please note that this Unit Profile is still in progress. The content below is subject to change.



BLCN29001 *Construction Technology*

Term 1 - 2027

Profile information current as at 07/09/2026 09:33 pm

All details in this unit profile for BLCN29001 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

This unit provides an introduction to modern construction technology with an emphasis on high-rise building construction in Australia. You will explore how contemporary construction systems, structural methods, materials, and temporary works influence the planning and delivery of complex projects. The unit introduces key legislative and regulatory requirements that govern high-rise construction, including the National Construction Code, Australian Standards, and relevant workplace health and safety frameworks. You will learn how modern technologies, such as advanced formwork systems, vertical transportation methods, façade systems, and innovative building services, contribute to safety, cost, quality, and time performance on high-rise projects. The unit also examines the interrelationship between construction technology, sustainability, risk management, and construction sequencing. By the end of the unit, you will be able to critically analyse, compare, and justify construction technology solutions in the Australian context.

Details

Career Level: *Postgraduate*

Unit Level: *Level 9*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

There are no requisites for this unit.

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

Offerings For Term 1 - 2027

- Brisbane
- Online
- Sydney

Attendance Requirements

All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

Class and Assessment Overview

Information for Class and Assessment Overview has not been released yet.
This information will be available on Monday 11 January 2027

CQUniversity Policies

All University policies are available on the [CQUniversity Policy site](#).

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Academic Progression Policy and Procedure
- Student Refund and Credit Balance Policy and Procedure
- Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

Previous Student Feedback

Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

Feedback from SUTE

Feedback

Link content to real-world application.

Recommendation

Videos on construction processes were included in the workshop slides. It is recommended that some site visits be included for a better understanding of Australian construction practices.

Feedback from UC reflection

Feedback

Classroom arrangement for the online quiz.

Recommendation

The A3 is an online quiz, and students can take it from any location. Nevertheless, some students could not locate a suitable venue to complete the quiz. Consequently, it is advisable to utilise a classroom to ensure that all students may be seated in a single location to complete the quiz without complications.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 11 January 2027

Alignment of Learning Outcomes, Assessment and Graduate Attributes

Information for Alignment of Learning Outcomes, Assessment and Graduate Attributes has not been released yet.
This information will be available on Monday 11 January 2027

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 15 February 2027

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.
This unit profile has not yet been finalised.